

CLAIMS

1. Control system for the valves of an internal-combustion engine (1) with two V lines of cylinders, comprising a secondary shaft to control (18) the camshafts by means of chain or toothed belt transmission devices (13, 14), basically located at the center of the V on the plane passing through the axis of the driving shaft (5) of the internal-combustion engine (1), and actuated by it by means of the chain or toothed belt device (20) wherein in timing system device (20) controlling the secondary shaft (18), is adapted to simultaneously control a secondary device (26) of said internal-combustion engine (1).

2. Control system for the valves of an internal-combustion engine as claimed in claim 1, wherein the secondary device (26) is a pump for the cooling liquid.

3. Control system for the valves of an internal-combustion engine as claimed in claim 1, wherein the secondary device (26) is a generator.